

Pyropes and Chrome-Diopside in Basaltic Pipes of the
Minusinsk Intermontane Basin, by N. A. Okhapkin,
and V. L. Chubugina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 2,
1960, pp 439-442.

AGI

166,294

Sci

Aug 61

The Reliability of the Age of Monazites Determined
by the Uranium Method, by S. I. Danilevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 2,
1960, pp 443-446.

AGI

Sci

Jul 61

An Electron-Microscopical Study of an Induced
Rat Rhabdomyosarcoma, by Yu. S. Galushin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 2, 1960, pp 447-.

AJBS

Sci

139,701

Feb 61

Lipids of the Adrenal Cortex in Health and In
Hypertension, by M. P. Andreyeva, 2 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol CXXXII,
No 2, 1960, pp 450-452.

AIBS

Sci

Feb 61

Changes in the Thyroid Gland Following Removal
of the Stellate Sympathetic Ganglia, by A. V.
Zelenin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3
No 2, 1960, pp 453-455.

ALBS

Sci

Mar 61

141,882

On Certain Unusual Nerve Cells and Endings in the
Peripheral Vegetative Ganglia of the Human, by
S. V. Zubryakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 2,
1960, pp 456-.

AIRB

Sci

Mar 61

141,881

The Mutational Process in Populations, by
T. A. Toropanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 2, 1960, pp 460-.

AIBS

Sci

Mar 61

141,876

Utilization of the Carbon in CO_2 by *Vibrio*
desulfuricans and Certain Heterotrophic Bacteria,
Yu, I. Sorokin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 2,
1960, pp 464-.

N

ATRS

Sci

Mar 61

141,888

The Spectroscopy of Biochemical Changes in
Irradiated Rat Liver Lipids, by E. B. Burlakova, S. F.
Terekhova, V. V. Antipov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 2/
~~(check numbers)~~, pp 467-.

AIP
Sov Phys-Dok
Vol 7, No 3

Sci

Jan 61

136,504

Oxidative Phosphorylation and Polyphosphate
Synthesis in *Azotobacter Vinelandii*, by
G. N. Zaitseva, A. N. Belozerskiy, L. Yu.
Frolova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 2, 1960, pp 470--.

~~BTBS~~
AIBS

Sci

138,433

The Study of the Biological Characteristics
Resulting From Tissue Variations in Apple, by
E. S. Chernenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXII,
No 2, 1960, pp 474-.

AINS

Sci

139,706

Feb 61

Movements of Wood Wasps and Larval Behavior as
Determining the Shape of Their Burrows in
Wood, by P. M. Rafes, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 2, 1960, pp 478-.

AIBS

Sci

Mar 61

141,895

Induction of the Cornea by Retinal Photoreceptors,
by V. V. Popov, T'ung Yun-hsu, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXII,
No 8, 1960, pp. 481.

2,

AIBS

Sci

Mar 61

141, 874

The Physiology of Heart Rate Changes and
Alternation of Cardiac Contractions, by E. B.
Rahskiy, A. I. Andimov, L. S. Rozanova,
L. S. Ul'yanyanskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 2, 1960, pp 484-.

ATBS

Sci

Mar 61

141,890

Fundamental Equations of Filtration of Homogeneous
Liquids in Fissured Rocks, by G. I. Barenblatt,
Yu. P. Zheltov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3
(check numbers), pp 545-548. Vol CXXXII

AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,482

The Motion of an Axially Symmetric Solid in
Space About a Stationary Point Under the Action
of Moments Slowly Varying With Time, by
G. E. Kuzmak, 4 pp.

4 RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No (check numbers), pp 549-.

3

AIP
Sov Phys-Dok
Vol V, No 3

Bcl

Jan 61

136,484

Anisotropy of the Galvanomagnetic Effect in a
Germanium Crystal of the n-Type at Temperatures
of the Conductivity Transition Region, by R. G.
Annayev, A. Allanazarov. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 557-560. 9676877

Navy 2598/NRL 206

Sci - Physics
Aug 60

AIP
Sci Phys 207/23,367
Vol V, No 3

Analyzing the Flow of an Aerated Fluid Assuming
a Two-Parameter Permeability Characteristic,
by D. A. Efros, I. F. Kurnov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
(check numbers), pp 553-.

AJP
Sov Phys-Dok
Vol V, No 3

136,479

Sci

Jan 61

Efros, D. A. and Kuranov, I. F.
CALCULS DE L'ÉCOULEMENT D'UN LIQUIDE
GAZEUX AYANT UNE CARACTÉRISTIQUE DES
PERMEABILITÉS À DEUX PARAMÈTRES (O Rasche-
takh Tsechenii Gazirovannoi Zhidkosti pri Dvupara-
metricheskoi Kharakteristike Pronitsaemosti) [Calcula-
tions of the Flow of a Gas-Saturated Liquid with Two-
Parameter Permeability Characteristics] tr. by
Schirrmann, 25 Nov 61 [13]p. (Russian text included)
10 refs. CEA Trans. no. R 1444 (text in French).
Order from OTS or SLA \$1.60 62-19009

Trans. in French of Akademiya Nauk SSSR, Doklady
1960, v. 132, no. 3, p. 553-556.

A trans. in English is available from ATS \$7.60 as
ATS-14M47R [1961] 5p.

DESCRIPTORS: *Fluid flow, Analysis. *Cases,
Permeability.
(Physics--Thermodynamics, TT, v. 8, no. 4)

62-19009

- I. Efros, D. A.
- II. Kuranov, I. F.
- III. CEA tr. R1444
- IV. Commissariat à l'Énergie
Atomique (France)

ATS/RJ-2779

Office of Technical Services

Extension of Gor'kov's Method to the Case of the
Electron-Phonon Interaction, by M. V. Buikov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
(check numbers), pp 561-564.

AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,486

A Model Thermodynamic Theory of the Polycondensation of Desoxyribonucleic Acid, M. V. Vol'kenshtein, Al, M. El'yashevich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
(check numbers), pp 565-567.

3
AIF
Sov Phys-Dok
Vol. V, No 3

Sci

Jan 61

136,488

Free Energy Computation for a Gas of Low Density,
by E. E. Tarayeva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXII, No 3,
(check numbers), pp 568-572.

AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,489

Viscosity of Liquid Nickel and Its Alloys with
Copper, by A. A. Vertman, A. M. Somarin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
(check numbers), pp 572-.

AIP
Sov Phys-Dok
Vol V, No 3

Sci
8
Jan 61

136,497

Effect of the Nature of Metals on Their
Catalytic Activity, by A. A. Balandin,
P. Poteni, 5 pp.
per,
RUSSIAN, Doklady Akad Nauk SSSR, Vol CXXXII,
No 3, 1960, pp 577-580. 9077078

ATS - 091743R

Sci. & Chem.
Jun 61

154815

S-396/60

(NY-4361).

The Mechanism of Predetonational Flame Propagation
in Rough Tubes, by V. S. Babkin, L. S.
Kozachenko, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 3,
1960, pp 591, 592.

JPRS 5802

Sci - Phys
Oct 60

128,936

The Ionization Potentials of Organic Dyes and
Several Complex Molecules in the Vapor Phase,
by F. I. Vilesov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 632-635.

CB

Sci

Apr 61

Cathode Processes During the Electro-
deposition of Titanium from Aqueous Solutions,
H. T. Kudryavtsev, R. G. Golovchanskaya, N.
K. Baraboshkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 8, 1960, pp 636-638.

3

CB

Sci

Apr 61

155,447

The Anodic Passivation of Zinc in Alkaline
Solutions, by T. I. Popova, V. S. Bagotksiy, ~~KX~~
B. N. Kabanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 639-642.

CB

Sci

Apr 61

The Effects of Radiation on the Solubility of
Radioactive Solids, by V. I. Spitsyn, E. A.
Torchenkova, I. N. Glazkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 643-645.

CB

Sci

Apr 61

On the Stratigraphic Division of the Lower
Carboniferous Terrigenous Deposits in the Southern
Section of the Kizelovskiy Basin, by M. V. Bagdasarova,
L. P. Grozdilova, N. S. Lebedeva, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 649-651.

AGI

166, 255

Sci

Jul 61

General Features of the Paleozoic Trough in the
Southwestern Section of the Kolyma Central Massif,
by N. A. Bogdanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 652-654.

AGI

166,257

Sci

Jul 61

A Diagram of the Distribution of the Alluvial and
Piedmont Deposits in the Central and Southern
Sections of Central Asia ~~xx~~ According to Their
Mineralogical and Petrographic Associations, by
N. I. Gridnev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 655-658.

AGI

166, 256

Sci

Jul 61

Oligocene Flora of the Dunayevsky Crag on the
Tym River in Western Siberia, by P. I. Dorofeyev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 659-661.

AGI

166, 258

Sci

Jul 61

The Position and Age of Certain Deposits in the Main
Fault Zone of Eastern Sayan, by K. A. Klitin, 3 pp.

RUSSIAN, per, ~~the~~ Dok Ak Nauk SSSR, Vol CXXII, No 3,
1960, pp 662-665.

AGI

166, 261

Sci

Jul 61

Typical Stratigraphic Section of the Lower
Kamurian (Beleuta Horizon) in Central Kazakhstan,
by O. L. Eynov, N. M. Vdovenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 666-668.

AGI

166, 260

Sci

Aug 61

The Crystal Structure of Fersmite, by V. B.
Aleksandrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXXII, No 3,
1960, pp 669-672.

AGI

166, 285

Sci

Aug 61

The Crystal Structure of Meta-Aurtenite, $\text{Ca}(\text{UO}_2)_2$
 $(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$, by Ye. S. Makarov, V. I. Ivanov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 673-676.

AGI

166, 284

Sci

Aug 61

Remains of Leaf Parenchyma in Lower Mesozoic Coals
of Kazakhstan, by I. B. Volkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 677-680.

AGI

166, 315

Sci

Aug 61

Photometric Properties of Sands of the Kara-Kum and Kyzyl
Kyzyl-kum Deserts, by M. A. Romanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 681-684.

AGI

Sci

Aug 61

On the Cellular Composition of Foci of Extra-medullary Hematopoiesis in the Skin Associated With Leukoses and the Complication of Leukoses by Autoimmune Hemolytic Anemias, by A. K. Ageyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3, 1960, pp 685-688.

AIRS

141,883

Sci

Mar 61

The Character of Reproduction of the Neuroblasts,
Neurillemal, and Neuroglial Cells in the Brain of
Chinese Oak Silkworm Larvae, A. A. Panov 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 3, 1960, ~~number~~ pp 689-.

AMS

Sci

Mar 61

141, 884

The Effect of Barnacle Growth in the Black Sea on
the Corrosion of Stainless Steel, by K. S.
Arbuzova, V. V. Patrikeyev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 3, 1960, pp 693-695.'

AIBS

Sci

Feb 61

Corrosion of Carbon Steel by Ascorbic Acids, by
N. I. Tarasov, I. B. Ulanovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 3, 1960, pp 696-698

AIRB

Sci

Mar 61

141,885

Kinetics of Reduplication of Chain Molecules,
by A. N. Orlov, S. I. Fishman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
(check numbers), pp 700-.

AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,506

Shikimic Acid in the Leaves of the Tea Plant, by
M. H. Zaprmetov, E. I. Silina, ~~8pp~~ 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 3, pp 704-707.

1960

AIBS

Sci

Feb 61

138,432

Feb 61

Nucleotide Composition of Deoxyribonucleic
and Ribonucleic Acids of Certain Fungi, by
S. O. Uryson, A. N. Belozerskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 3, pp 708-.

1960

AIBS

Sci

Feb 61

138,434

An Experimental Solution of Several Questions
of the Phytocenology of the Spruce Forest,
by V. G. Karpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII,
No 3, 1960, pp 711-.

AIES

Sci

139,707

Feb 61

Stimulation of the Regeneration of Extremities in
Acaudate Amphibia by the Action of Tissue Extract,
by V. P. Kudokotsev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXII,
No 3, 1960, pp 715-718.

AIBS

Sci

Mar 61

141,873

The Effect of Radiation on the Capacity of the
Eyes for Corneal Induction, by V. V. Popov,
A. I. Farberov, 4 pp.

RUSSIAN, PER, Dok Ak Nauk SSSR Vol CXXXII,
No 3, 1960, pp 719-.

AIBS

Sci

Mar 61

141, 875

Cholinesterase in the Embryogenesis of
Nudibranchiate Mollusks, G. A. Buznikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXII,
No 3, 1960, pp 723-.

ADBS

OTS 62-17004

141,870

Sci

Mar 61

The Biology of the Trematode, Proalaria Excavata
Rud, by Ya. Yauchev, D. Bozhkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 3, 1960, pp 726-.

AIBS

Sci

Feb 61

Surface Melting of a Semiminfinite Body in Plane and
Axially Symmetric Incompressible Gas Flow, by
G. A. Tirskiy; 4 pp.

~~RUSSIAN, per, Dok Ak Nauk SSSR, (check numbers),~~
pp 785-788.

AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

VOL CXXXII No
136,478

Existence of a Weak Solution to the Direct Problem
in the Theory of Sonic Flow Past a Profile in
First Approximation, by F. I. Frankl', 4 pp

4
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
(check numbers), pp 789-.

$\frac{1}{2}$
AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,480

Galvanomagnetic Phenomena in n-Type InSb in
Pulsed Magnetic Fields, Kh. I. Amirkhanov,
R. I. Bashirov, Yu. E. Zakyev, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXII, No 4/
(check numbers), pp 793-796.

AIP
Sov Phys-Dok
Vol V, No 3

136,491

Sci

Jan 61

Exchange Interaction of Inner and Outer Electrons in
Transition Metals, by S. V. Vonsovskiy, A. A.
Berdyshev, Yu. A. Izyumov, ~~Book~~ 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
~~(check numbers)~~, pp 797-800.

AIP
Sov Phys-Bok
Vol V, No 3

Sci

Jan 61

136,490

Number of 3d Electrons in Transition Metals, by
F. M. Gal'perin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4/
(check numbers), pp 801-802.

AJP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,492

Changes in Elastic Constants of Quartz Fibers
Under the Action of Gamma Radiation From Co^{60} ,
by S. V. Starodubtsev, L. P. Khizinenko, I. A.
Demoryad. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXII, No 4,
1960, pp 803-805. 9676887

SLA 60-21932
Navy 2628/NRL 813

Sci - Physics
Nov 60

133,778

Experimental Investigation of Frequency Spectra
for the Vertical Wind-Velocity Component in the
Ground Layer of the Earth's Atmosphere, by A. S.
Gurvich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 806-809.

AGI

166, 278

Sci

Aug 61

The Relationships Connecting Rates of Recent Vertical
Movements of the Earth's Crust, Geophysical and
Fields, and Geostuctural Elements, by A. T.
Combedov, V. A. Sidorov, K. V. Timarev, et al,
3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 810-813.

AGI

166, 279

Sci

Aug 61

Some Cases of the Excitation of Microseisms in the
Atlantic and Pacific Oceans, by V. N. Tabulevich,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 814-817.

AGI

166, 281

Sci

Aug 61

Theory of Nonequilibrium Capture of Impurities
during Growth of Crystals, by A. A. Chernov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, NO 4,
, pp 818-.

PIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,474

Determination of the Rate Constant for the
Reaction Between Atomic Oxygen and Molecular
Hydrogen, by V. V. Azatyan, V. V. Voyevodskiy,
A. B. Malbendyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. ~~XXXXXX~~,
No 4, 1960, pp 864-867.

Sci

Apr 61

CB
ENIL, #149,156 T-1378

The Structure of the Electrical Double Layer
on Platinum, by T. P. Brintseva, B. N. Kaba-
nov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 4, pp 868-871.

1960,

CB

Sci

Apr 61

149,158

RUSSIAN TO FRANCE
CTS TT 61-23302

The Potential of a Platinum Electrode in an
Irradiated Sulfuric Acid Solution, by G. Z.
Gochalyev, Ts. I. Zalkind, V. I. Veselovskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1960, pp 872-875.

CB

Sci

Apr 61

149, 151

Statistical Thermodynamic Determination of
the Adsorption Equilibrium of Argon on Graphite,
by A. V. Kiselev, D. P. Poshkuis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1960, pp 876-879.

CB

Sci

Apr 61

149,153

The Effect of Irradiation on the Potential of a ~~RHIZAN~~
Platinum Electrode in a Solution of Sulfuric
Acid, by D. V. Kokoulina, P. I. Dolin, A. M.
~~RHIZAN RHIZAN~~ Prumkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1960, pp 880-883.

CB

Sci

Apr 61

149,152

5
The Effect Produced by the Interaction of
Adsorbed Particles, by V. I. Osharov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 884-887.

CB

Sci

Apr 61

149, 154

On the Interrelation Between the Zoogeographic
Provinces of the Central and Eastern Sectors
of the Russian Platform During Eifelian Time, by
V. I. Averyanov, 3 pp.

RUSSIAN, Tr. Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 888-890.

AGI

Sci

166, 262

Aug 61

Manifestations of Secondary Saline Tectonics on
the Open Domes in the Eastern Section of the Near Caspian
Syncline, by V. S. Zhuravlev, V. I. Samodurov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 891-894.

AGI

/66, 263

Sci

Aug 61

The Development of Columnar, Branching
Stromatolites During Rifean Time in the Southern
Urals, by I. N. Krylov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 895-898.

AGI

166, 265

Sci

Aug 61

Major Morphologic Units of the Central Part of the
Asiatic Continent, by V. G. Lebedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 899-902.

AGI

166, 264

Sci

Aug 61

Relationships Between Archean and Proterozoic
Formations in the Southern Part of Eastern Sayan,
by V. K. Markovsky, A. F. Tashchilov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 903-906.

AGI

166, 2 66

Sci

Aug 61

Holmquistite From Tuva, by N. S. Samsonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 907-910.

AGI

166, 286

Sc1

Aug 61

The Distribution of Minor Elements in
Carboniferous Deposits of the Central Regions, by
V. A. Golovko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 911-914.

AGI

166, 246

Sci

Jul 61

Modes of Occurrence of Uranium in the Water of the
Black Sea, by L. B. Kolyadin, D. S. Nikolayev, S. M.
Grashchenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 915-917.

AGI

Sci

Jul 61

7-10-61

7-10-61

604-81587

#5207512

An Experimental Study of the Phase of Soil and
Ground Moisture Migrating Under the Influence of
the Temperature Gradient, by A. M. Globus.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
1960, pp 918-920.

NLL M. 3110

Sci - Geophys

189, 792

Apr 62

The Basic Types of Vertical Distribution
of Copepods in the Central Pacific Ocean,
by A. K. Geinrikh.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1960, pp 921-924.

Dept of Interior
SH211 E82 No 348

191,511

Sci - Biol

Apr 62

Microfauna of the Pliocene Deposits in the Basin of the
Lower Course of the Ural River, by G. I. Karmishina,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCKII, No 4,
1960, pp 925-928.

AGI

166, 289

Sci

Aug 61

A New Spiriferidae Genus From the Eifelian Deposits
of the Northeastern Slope of Salair, by N. P.
Kulkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 929-931.

015 61-11872
AGI

Sci

Aug 61

166, 288

The Part Played by Grafting in Increasing the
Ability of Different Species of Nicotiana to
Cross, by M. F. Ternovskiy, A. I. Terentyeva,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXII,
No 4, 1960, pp 932-.

AIBS

Sci

Mar 61

141,878

The Effect of Avian Predators on the Numbers
of Their Prey, by V. M. Galushin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1960, pp 936-.

AIBS

Sci

Feb 61

Respiration Rate of Certain Planktonic Crustacea
and Their Effect on Photosynthesis in a Stagnant
Lake, by N. B. Ivanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 939, 940.

AIBS

Sci

Feb 61

Corrosion of Rustless Steel by Acorn Barnacles,
by I. B. Ulanovskiy, N. I. Taranov, E. P. Turpayeva,
Yu. M. Korovin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXII,
No 4, 1960, pp 941-.

AIDS

Sci

Mar 61

141,887

Butyric Acid Fermentation in a Synthetic Medium
Containing Pyruvic Acid and Glycerol, by L. G.
Azova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 945-.

AIBS

Sci

Feb 61

Coefficients of Radioisotope Accumulation by Fresh-
Water Water Plants, by C. A. Gileva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 948-.

AIP
Sov Phys-Dok
Vol V, No 3

Sci
Jan 61

Formation and Utilization of Polyphosphates,
Catalyzed by an Enzyme Isolated from *Azotobacter*
Vinelandii, by G. N. Zaitseva, A. N. Belozerskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 950-953.

ATIS

Sci

Feb 61

138, 435

Comparative Study of the Distribution of Labelled
Amino Acids Incorporated Into Albumin in Vivo
and in Vitro, by B. S. Sulhareva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 954-.

AIBS

Sci
Jan 61

Dokl Ak Nauk SSSR, Vol CXXXI, No 4, 1960, pp 957-960.

AIIBS

Dok Ak Nauk SSSR, Vol CXXXII, No 4, 1960, p 961-.

AIBS

Changes in Bioelectric Currents of the Human Brain
During the Action of Complex Rhythmic Light
Stimuli, by V. G. Semsonova, V. A. Il'yanok, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,
No 4, 1960, pp 964-.

ADIS

Sci

Mar 61

141,889

(D3-3901/31)

Construction of an Algorithm for Independent
Grammatical Analysis of the Russian Language, by
T. M. Nikolayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1960, pp 1049, 1050.

JPRS 6505

Sci - Misc

Jan 61.

137,588

by
iy,
2/

Relationship Between the Decay Law and the
First-Order Moment of Energy Distribution,
by L. A. Khal'fin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXII, No 5,
pp 1051-.

AIP
Sov Phys-Dok
Vol V, No 3

Sci

136, 279

On the Theory of Superconductivity, by D. N.
Zubarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 5,
pp 1960, pp 1055-1058.

Interntl Phys Index
Phys Express
Vol III, No 1

Sci - Phys

Oct 60

128,823
FIP
Sci Phys - D. N.
9/2 V, No 3

Apparatus for High Pressure and High Temperature
with a Conical piston, by L. F. Vereshchagin,
Y. A. Galaktionov, A. A. Semerchan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 5,
(check numbers), pp 1059-.

~~Sov Phys-Dok~~

AIP
Sov Phys-Dok
Vol V, No 3

Sci

Jan 61

136,499

15

(NY-4568)

Ionized Gas and High-Speed Electrons in the
Vicinity of the Earth and in Interplanetary
Space, by K. I. Gringauz, V. G. Kurt, V. I. Moroz,
I. S. Shilovskiy, 13 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 5,
1960, pp 1062-1065.

Sci - Geophys

Aug 60

JPRS 5346

124,117